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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Title:
Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                              Minimum DB seq length: 0 Maximum DB seq length: 60
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Searched:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence:
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                                                                                                                                                                                                                                                                                                                                    EST:*
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24
1 cgacaaatggaaaaacagctcgcc 24
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Gapop 10.0 , Gapext 1.0
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

12	c 11	10	9	c 8	c 7	6	ъ	c 4	ω	c 2	1	Result
13.2	13.2	13.4	13.4	13.4	13.4	13.6	13.8	14	14.4	14.4	14.6	Score
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38 1	27 1	55 1	53 13	46 10	31 10	Ī	49 13	•	55 10	50 1	40 1	Query Match Length DB
1 C21091	3 AZ795938	1 R60882	3 AZ57621	_	0 AI746720	-	_		0 AI357794	0 AU10440;	0 AI619480	ID
		R60882 yh08f11.r1	AZ576214 AST-TD13S		AI746720 ul06f05.	3 AZ831178 2M0110I1		AZ662129		AU104403 AU104403	AI619480 ty38g04.x	Description

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	AZ336220	AZ463806	AI024966	AW247684	в03160	AV543344	AA811401	AZ852502	AI461385	AI284802	AI084829	HSM003904	AI285390	AV836261	BG273140	AI000127	AZ798809	AI972180	AI620546	AV518812	W41141	AW284534	AA528415	TA309G02P	BG939021	AZ783216	T50983	AU104194	AU104183	AU104180	AA476000	AI996547	AA666844
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ALIGNMENTS

FEATURES		JOURNAL COMMENT	AUTHORS TITLE	פ ייייי פייייי	KEYWORDS SOURCE ORGANISM	ACCESSION VERSION	AI619480 LOCUS DEFINITION	1
Trace considered overall poor quality Insert Length: 2989 Std Error: 0.00 Seq primer: -40Up from Gibco High quality sequence stop: 1 POLYA-No. Location/Qualifiers	Tissue Procurement: Christopher Moskaluk, M.D., Ph.D., Michael R. Emmert-Buck, M.D., Ph.D. cDNA Library Preparation: Life Technologies, Inc. cDNA Library Preparation: Life Technologies, Inc. cDNA Library Arrayed by: Greg Lennon, Ph.D. DNA Sequencing by: Washington University Genome Sequencing Center Clone distribution: NCI-CGAP clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at: www-bio.llnl.gov/bbrp/image/image.html	Tumor Gene Index Unpublished (1997) Contact: Robert Strausberg, Ph.D. Frail. Compterformating the for	. (cases 1 to 40) NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap. National Cancer Institute, Cancer Genome Anatomy Project (CGAP),	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.	EST. human. Homo sapiens	mRNA sequence. GI:4628606	AI619480 40 bp mRNA EST 07-MAR-2000 Ty38g04.x1 NCI_CGAP_Ut2 Homo sapiens cDNA clone IMAGE:2281398 3' similar to WP:W03D2.1 CE14506 :contains element MER22 repositive	

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                                                                                                  CGACAAATCGCCAAACAGCATCCC
                                                                                                                                cgacaaatggaaaaacagctcgcc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Contact: Yutaka Suzuki
Department of Virology
Institute of Medical Science, University of Tokyo
4-6-1, Shirokanedai, Minatoku, Tokyo 108-8639, Japan
Email: ysuzuki@ims.u-tokyo.ac.jp
Suzuki,Y., Yoshitomo-Nakagawa,K., Maruyama,K., Suyama,A. and Sugano,S. Construction and characterization of a full length-enriched and a 5'-end-enriched cDNA library. Gene 200 (1-2), 149-156 (1997).
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalla; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 50)
Suzuki,Y., Tsunoda,T., Taira,H., Mizushima-Sugano,J., Sese,J., Hat, H., Ota,T., Isogai,T., Tanaka,T., Nakamura,Y., Morishita,S., Okut, K., Suyama,A. and Sugano,S.
Fine Structural analysis of transcription start sites of human mRNAs using full-length enriched and 5'-end enriched cDNA libraria (DNA) in the contract of 
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HEP11308, mRNA sequence.
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/db_xref="taxon:9606"
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/clone=lib="Sugano Homo sapiens cDNA library"
/clone_lib="Sugano Homo sapiens cDNA library"
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/organism="Homo sapiens"
/db_xref="taxon:9606"
/clone="IMAGE:2281398"
/clone_lib="NGI_CGAP_Ut2"
/clone_lib="NGI_CGAP_Ut2"
/tissue_type="moderately-differentiated endometrial adenocarcinoma, 3 pooled tumors"
/lab_host="DH10B"
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                   Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Rei,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern
                                                                                      Eukaryota; Metazoa; Chordata; Mammalia; Eutheria; Rodentia; 1 (bases 1 to 45)
                                                                                                                                                                                                                                                                               AZ662129 45 bp DNA GSS 14-DEC-2000 1M0541J06F Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0541J06 F, DNA sequence.
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18; Conser
                                                                                                                                                              Mus musculus
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and Wright,D.,Weiss,R.
                                                                                                                                                                                        house mouse
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Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Email: cgapbs-r@mail.nih.gov
Tissue Procurement: Christopher Moskaluk, M.D.,
Emmert-Buck, M.D., Ph.D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   qu98e04.xl NCI_CGAP_Gas4 Homo sapiens cDNA clone IMAGE:1980126 3 similar to TR:Q16038 Q16038 PRBIM PROTEIN ; contains TAR1.t2 TAR1 repetitive element ;, mRNA sequence.
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Unpublished (1997)
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National Cancer Institute, Cancer Genome Anat
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /note="Organ: stomach; Vector: pCMV-SPORT6; Site_1: SalI; Site_2: NotI; Cloned unidirectionally. Primer: Oligo dT. Average insert size 1.69 kb. Life Technologies catalog #: 11549-011"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /db_xref="taxon:9606"
/clone="IMAGE:1980126"
/clone_lib="NCI_CGAP_Gas4"
/tissue_type="poorly differentiated adenocarcinoma with
signet ring cell features"
/lab_host="DH10B"
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Pred. No. 7.3e
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                                                                                                                                                                                                                                                      AZ810540 49 bp DNA GSS 2U-FEB-ZUUI 2M0076E08F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGC2M0076E08 F, DNA sequence.
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17; Conser
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil, Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., ,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhaus
                                                                         Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 49)
                                                                                                                                                Mus musculus
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Insert Length: 10000 Std Error:
Plate: 0541 row: J column: 06
Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Tel: 801 585 5606
Fax: 801 585 7177
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8 c 7 g 19 t
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /organism="Mus musculus"
/strain="C57BL/6J"
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/note="Vector: PWD42nv; Purified genomic DNA from M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /sex="Male"
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/clone_lib="Mouse 10kb plasmid UUGC1M library"
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                   Mammalia; Eutheria; Rodentia;
1 (bases 1 to 29)
Dunn,D., Arvari
                                                                                                                                                                                 AZ831178 29 bp DNA GSS 20-FEB-2001
2M0110118R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC2M0110118 R, DNA sequence.
AZ831178
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Erro
Plate: 0076 row: E column: 08
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Peders
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Fax: 801 585 7177
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Contact: Robert B.
                                                                                                    Mus musculus
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The
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/note="Vector: PWD42nv; Purified genomic DNA from M.
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/db_xref="taxon:10090"
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88.2%;
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                                                                                   Euteleostomi;
                                                             Murinae;
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RESULT 7
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ORIGIN
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Best Local
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Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sclurognathi; Muridae; Murinae; Mus
1 (bases 1 to 31)
                                                                                                                                                                                     AI746720 31 bp mRNA EST 22-JUN-1999 ul106f05.yl Sugano mouse kidney mkia Mus musculus cDNA clone IMAGE: 2065281 5' similar to TR:013953 013953 HYPOTHETICAL 39.1 PROTEIN C23H4.12 IN CHROMOSOME I. ;, mRNA sequence.
                                                                                                                                EST
                                                                                                                                               AI746720.1 GI:5124984
                                                                                                        house mouse.
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Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Erro
Plate: 0110 row: I column: 1:
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Fax: 801 585 7177
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Unpublished (2000)
Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Welss,R.
Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      University of Utah
University of Utah
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with 74 DNA polymerase and 74 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (g114732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-comptent E. coli xL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Biomedical Polymers Research Bldg., 20
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/sex="Male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /db_xref="taxon:10090"
/clone="UUGC2M0110I18"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /organism="Mus musculus"
/strain="C57BL/6J"
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80.0%;
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ACCESSION
VERSION
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                                                                                                                                                                                                                                                                                                                                                                                                                                    CGGCCCATGGAAGAACAGCACTC 3
                                                                                                                                                                                                                            ov94h09.s1 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:1645025 3' similar to TR:Q62006 Q62006 OPA REPEAT ;contains element L1 reperince element;, mRNA sequence.
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; E
Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
1 (bases 1 to 46)
NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
National Cancer Institute, Cancer Genome Anatomy Proj
                                                                                                                                                                                                                                                                                                              AI026096
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                                                                                                                      Homo sapiens
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                                                                                                                                                 numan
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Email: mouseest@watson.wustl.edu
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Washington University School of Medicine
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Contact: Marra M/WashU-NCI Mouse EST Project 1999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Unpublished (1999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        The WashU-NCI Mouse EST Project 1999
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314 286 1810
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Institute of Medical Science). Custom primers for sequencing: 5' end primer CTTCTGCTCTAAAAGCTGCG and 3' end primer CGACCTGCAGCTCGAGCACA."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    constructed by Dr. Sumio Sugano (University of Tokyo Institute of Medical Science). Custom primers for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /clone_lib="Sugano mouse kidney mkia"
/sex="female"
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73.9%;
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  Anatomy Project (CGAP),
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                                                                                                                                                                                                                                                                                                                                                                                                                                               A37/0214 53 bp DNA GSS 06-DEC-2000
AST-TD13SD-142 Genetrap T47D Human Breast Carcinoma Library Homo
sapiens genomic 5', DNA sequence.
A2576214
Email: henkelg@aurorabio.com
Pools of cells were isolated from a GenomeScreen(TM) library.
Library of cells was generated by retroviral integration of a tagging element consisting of: 1) A promoterless beta-lactamas
                                                                                                                         Aurora Biosciences Corp.
Aurora Biosciences Corp.
Aurora Biosciences Corp.
                                                                                                                                                                                                                                 Henkel,G., Liyanage,M., Pratt,E., Huang,D., Riley,M., Durick,K. and Pollok,B.
Exon-trap tags from a T47D GenomeScreen(TM) Library
                                                                                                                                                                                                                                                                                                                     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                            GSS.
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DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-CGAP clone distribution information can be
found through the I.M.A.G.E. Consortium/LLNL at:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Contact: Robert Strausberg, Ph.D. Email: cgapbs-r@mail.nih.gov
                                                                                                              11010 Torreyana Road,
Tel: 8584048436
                                                                                                                                                                                              Contact: Greg Henkel
                                                                                                                                                                                                                    Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                   Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                AZ576214.1 GI:11562525
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Unpublished (1997)
                                                                                           Fax: 8584046719
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              www-bio.llnl.gov/bbrp/image/image.html
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /organism="Homo sapiens"
/db_xref="taxon:9606"
/clone="IMAGE:1645025"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /clone_lib="Soares_testis_NHT"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     55.8%;
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Pred. No. 1
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                                                                                                                                  92121, USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 55)

1 (bases 1 to 55)

1 (lark,N., Dubuque,T., Elliston,K., Hawkins,M., Holman,M., Hultman,M., Kucaba,T., Lennon,G., Marra,M., Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F., Trevaskis,E., Waterston,R., Williamson,A., Wohldmann,P. and Wilson,R.

The WashU-Merck EST Project
Unpublished (1995)
Contact: Wilson RK
                                                                                                              High quality sequence starts: 1 High quality sequence stops: 1 Source: IMAGE Consortium, LLNL This clone is available royalty-free through LLNL; contact the IMAGE Consortium (info@image.llnl.gov) for further information. Trace considered overall poor quality Possible reversed clone: similarity on wrong strand Insert Length: 1831 Std Error: 0.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                proceeded by a splice acceptor as a reporter for gene expression; 2) A promoter driving neomycin resistance followed by a splice donor to trap downstream exons. 3' RACE from neomycin gene was performed using total RNA from isolated pools. Output was shotgun cloned in pAmp-1 and used to transform DH5-alpha competent bacteria. 5' ends of reported sequences were immediately preceded by splice donor from the trapping construct.
                                                                                                                                                                                                                                                                                                                                       Tel: 314 286 1800
Fax: 314 286 1810
                                                                                                                                                                                                                                                                                                                                                                                    Washington University School of Medicine 4444 Forest Park Parkway, Box 8501, St. 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     R60882
R60882.1 GI:831577
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      R60882 55 bp mRNA EST 24-MAY-1995 yh08f11.rl Soares infant brain INIB Homo sapiens cDNA clone IMAGE:42503 5' similar to SP:C40793 C40793 PHOSPHORYLASE KINASE;,
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17; Conserv
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                                                                                            High quality sequence stop: 1.
                                                                                                                                                                                                                                                                                        Email: est@watson.wustl.edu
Insert Size: 1831
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Homo sapiens
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/tissue_type="Carcinoma"
/cell_type="Epithelial"
/cell_line="T47D"
/note="Organ: Breast; Vector: pamp-1; 3' RACE of total RNi
/organism="Homo sapiens"
/db_xref="GDB:415044"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /organism="Homo sapiens"
/db_xref="taxon:9606"
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73.9%;
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Pred. No. 1
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/db_xref="taxon:9606"

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AZ795938/c
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Best Local :
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Unpublished (2000)
Contact: Robert B. Weiss
University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                               Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0051 row: K column: 23
Seg primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                        Tel: 801 585 5606 Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A., and Wright,D.,Weiss,R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        AZ795938 27 bp DNA GSS 16-FEB-2001 2M0051K23F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGC2M0051K23 F, DNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 l Similarity 73.9
17; Conservative
                                                                                                                                                                                                                                                                                                          High quality sequence stop: 27.
                                                                                                                                                                                                                                                                                                                                Class: plasmid ends
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GSS.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   USA
                                              /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/note="Vector: PW042nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a
                                                                                                                                                                             /organism="Mus musculus"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC2M0051K23"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /clone_lib="Mouse 10kb plasmid UUGC1M library"
/sex="Male"
                                                                                                                                                                                                                                                                                      Location/Qualifiers
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/lab_host="DH10B (ampicillin resistant)"
/note="Organ: whole brain; Vector: Lafmid BA;
/note="Organ: Whole brain; Strand cDNA was prime
I; Site_2: Hind III; 1st strand cDNA was prime
I - oligo(dT) primer [5'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /sex="female"
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Pred. No. 1.8e+05;
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Matches 15
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aaatggaaaaacagctcg 22
                                                                                                                                                                                                                                                                                                                                1-3, Yamada-oka, Suita, Osaka Pref. 565, Japan
Tel: (06-877-5111(ex.3315)
Email: kousaku@imcb.osaka-u.ac.jp
Human Gene Signature, 3'-directed cDNA sequence. We are not
submitting the same cDNA sequence redundantly to DDBJ since 1993.
For the abundance information of clones with this sequence in this
library and as well as in other 3'-directed libraries, see'
http://www.imcb.osaka-u.ac.jp/bodymap'. The sequences of the clones
represented by this GS sequences is also found there.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            BodyMap; human gene expression database Unpublished (1995) Contact: Okubo,K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Osaka University
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Institute for Molecular and Cellular Biol
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Okubo, K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         C21091:1 GI:1622201
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                                                                 Conservative
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                                                                                                                                                                                                 /Organism-"Homo sapiens"
/db_xref="taxon:9606"
/clone_lib-"Human adult (K.Okubo)"
/dev_stage="adult"
1 6 c 6 g 10 t
                                                                                       55.0%;
83.3%;
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83.3%;
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adult (K.Okubo) Homo sapiens cDNA 3', mRNA
                                                               0
                                                                                  Score 13.2; DB 11
Pred. No. 2.3e+05;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 13.2; DB 13
Pred. No. 2.4e+05;
                                                                 Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Mismatches
                                                                                                         DB 11; Length 38;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DB 13;
                                                               Indels
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RESULT 1
AA666844
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                                         ORGANISM
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Best Local
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                                                                                                                                                                                                                                                                                                 4 caaatggaaaaacagctc 21
                                                                                                                                                                                                                                                               CANATGGAATTCCAGCTC 19
Arabidopsis thaliana
Eukaryota; Viridiplantae; Stre
Spermatophyta; Magnoliophyta;
                                                                                                                           AI996547 60 bp
701667389 A. thaliana,
cDNA clone 701667389,
                                                                              EST
                                                                                                                cDNA clone
AI996547
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Washington University School of MedicineP
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1810
Fax: 314 286 1810
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Unpublished (1996)
Contact: Marra M/Mouse EST Project
WashU-HHMI Mouse EST Project
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Marra,M., Hillier,L., Allen,M., Bowles,M., Dietrich,N., Dubuque,T., Geisel,S., Kucaba,T., Lacy,M., Le,M., Martin,J., Morris,M., Schellenberg,K., Steptoe,M., Tan,F., Underwood,K., Moore,B., Theising,B., Wylie,T., Lennon,G., Soares,B., Wilson,R. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Mus musculus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     vm65g11.s1 Knowles Solter mouse IMAGE:1003172 5', mRNA sequence
                                                           thale cress.
                                                                                               AI996547.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Email: mouseest@watson.wustl.edu
This clone is available royalty-free through LLNL; contact the
TMAGE Consortium (info@image.llnl.gov) for further information.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     The WashU-HHMI Mouse EST Project
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mammalia; Eutheria;
1 (bases 1 to 59)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              AA666844.1 GI:2625545
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                                                                                                                                                                                                                                                                                                                                    Similarity 83.3
15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          nouse mouse
                                                                                                                                                                                                                                                                                                                                                                                                                                                    19
                                                                                                                                                                                                                                                                                                                                                                                                                                            were cloned into the MluI/SalI sites of a modified pBluescribe vector using commercial linkers (NEB). Average insert size: 1.2 kb."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /note="Organ: embryo; Vector: pBluescribe (modified); Site_1: MiuI; Site_2: SalI; Cloned unidirectionally from mRNA prepared from 13.500 2-cell stage embryos. Primer: SalI(dT): 5'-CGGTCGACCGTCGACCGTTTTTTTTTTTTTTTT-3'. cDNAs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /tissue_type="embryo"
/dev_stage="2-cell"
/lab_host="DH10B"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /clone="IMAGE:1003172"
/clone_lib="Knowles Solter mouse 2 cell"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /db_xref="taxon:10090"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /organism="Mus musculus"
/strain="B6D2 F1/J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Location/Qualifiers
                                                                                             GI:5843452
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83.3%;
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Rodentia;
                                                                                                                                                                                                                                                                                                                                       0;
                                                                                                                                                                                                                                                                                                                                    Score 13.2; DB 10
Pred. No. 2.1e+05;
0; Mismatches 3
                                                                                                                                 mRNA sequence.
                                                                                                                                                Columbia Col-0,
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                                                                                                                                                                     mRNA
 Streptophyta; Embryoyta; eudicotyledons;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                mouse 2 cell
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                                                                                                                                                                                                                                                                                                                                                                      DB 10;
                                                                                                                                                  root-1 Arabidopsis thaliana
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Mus musculus cDNA clone
                    Embryophyta; Tracheophyta;
                                                                                                                                                                                                                                                                                                                                                                        Length
                                                                                                                                                                                                                                                                                                                                       Indels
   core
                                                                                                                                                                                                                                                                                                                                                                            59;
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                                                                                                                                                                     08-SEP-1999
   eudicots;
                                                                                                                                                                                                                                                                                                                                     0;
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RESULT 15
AA476000/c
LOCUS
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                           COMMENT
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JOURNAL
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                                                                                                                                                                                             AUTHORS
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                                                                                                            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 34)

Marra,M., Hillier,L., Allen,M., Bowles,M., Dietrich,N., Dubuque,T. Geisel,S., Kucaba,T., Lacy,M., Le,M., Martin,J., Morris,M., Schellenberg,K., Steptoe,M., Tan,F., Underwood,K., Moore,B., Theising,B., Wylle,T., Lennon,G., Soares,B., Wilson,R. and
                                                                                                                                                                                                                                                                                                                                                                                                  vh26a02.rl Soares_mammary_gland_NbMMG Mus muscu:
IMAGE:876554 5' similar to SW:GCAA_MOUSE P01863
REGION, A ALLELE. ; mRNA sequence.
                                                                                                                                                                                                                                                                                                                                    EST
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Similarity
15; Conserv
WashU-HHMI Mouse EST Project
                   Contact: Marra M/Mouse EST Project
                                                 Unpublished (1996
                                                                    The WashU-HHMI Mouse EST Project
                                                                                               Waterston, R.
                                                                                                                                                                                                                                                                                   Mus musculus
                                                                                                                                                                                                                                                                                                                                                             AA476000.1 GI:2203851
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          4633 World Parkway Circle, St. Louis,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Genome Systems, Inc., a wholly owned subsidiary of Incyte Pharmaceuticals, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Contact: David Smoller, Ph.D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Rosidae; eurosids II; Brassicales; Brassicaceae; Arabidopsis 1 (bases 1 to 60)
                                                                                                                                                                                                                                                                                                              house mouse.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              877-577-2733
314-427-3324
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Arabidopsis thaliana, Columbia Col-0, at 4 7 weeks. Plants were grown in 1:1:1 peat moss/vermiculite/perlite soil at 22 deg. C +/- 3 deg. C under constant light, and watered with fertilizer. cDNA synthesis was initiated using a NotI-oligo(dT) primer. Double-stranded cDNA was blunted, ligated to Sall adaptors, digested with NotI, size-selected, and cloned into the NotI and SalI sites of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         the pSPORT vector."
12 c 1 g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /clone_lib="A. thaliana, Columbia Col-0, root-1"
/tissue_type="root"
/dev_stage="4 - 7 weeks"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /db_xref="taxon:3702"
/clone="701667389"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /note="Vector: pSPORT; Site_1: NotI; Site_2: SalI; cDNA llbrary was derived from untreated root tissue_from
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /cultivar="Columbia
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     55.0%;
78.9%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 13.2; DB 10 Pred. No. 2.1e+05;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 mRNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MO 63134, USA
                                                                                                                                                                                                                                                                                                                                                                                                                               musculus cDNA clone
01863 IG GAMMA-2A CHAIN C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              60;
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Washington University School of MedicineP

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Query Match
Best Local Similarity
Watches 16; Conserva
                                                                                                                                                                         BASE COUNT
ORIGIN
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            source
28 GACAAGTGGATAGACAGATGG 8
                  2 gacaaatggaaaaacagctcg 22
||||| ||| || || || || |
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: mouseest@watson.wustl.edu
This clone is available royalty-free through LLNL; contact the IMAGE Consortium (info@image.llnl.gov) for further information.
MGI:516034
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Trace considered overall poor quality Possible reversed clone: similarity on wrong strand Seq primer: -28ml3 rev2 Er from Amersham High quality sequence stop: 1.
                                                                           Conservative
                                                                                                                                                                                     /organism="Mus musculus"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="IMAGE:876554"
/clone_lib="Soares_mammary_gland_NbMMG"
/sex="male"
                                                                                                                                                                                                                                                                                                                                                   /note="Organ: mammary gland; Vector: pT7T3D-Pac (Pharmacia
) with a modified polylinker; Site_1: Not I; Site_2: Eco
RI; 1st strand cDNA was primed with a Not I - oligo(dT)
primer [5'
                                                                                                                                                                                                                                                                                                                                                                                                                            /tissue_type="mammary gland"
/dev_stage="4 weeks"
/lab_host="DH10B"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Location/Qualifiers
                                                                                           54.2%;
76.2%;
                                                                       Score 13; DB 10; Length 34; Pred. No. 2.8e+05; O; Mismatches 5; Indels
                                                                       0;
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Search completed: March 9, 2002, 00:09:10 Job time: 11026 sec

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